1800 South Highway 146, Baytown, Texas 77520
(281) 427 - 4099, FAX (281) 427 - 5367

VEOLIA ENVIRONMENTAL SERVICES

☐ Recertification

Disposal Code

ONYX TSDF requested _____ Technology requested _____ **Wastestream No.** _____
(manifest from-blank if direct)

1. Generator Name US EPA Region VI-CES Environmental

Address 4904 Griggs Road

City Houston **State** TX **Country** Harris **ZIP** 77021

Generator EPA ID No. TXD008950461

Generator No. _____ **Generator State No.** 30900

NAICS (SIC) Code 562219 _____ _____ **Source** G13

Customer Name (Bill to) CB&I

Address PO Box 98519

City Baton Rouge **State** LA **Country** _____ **ZIP** 70884

Contact Name Beth Crawford

Phone 419-429-5519 **Fax** _____

Origin 6 **Form** 603 **System Type** _____

2. Waste Name Organic Liquid **Lab or Waste Area** _____

3. Process Generating Emergency Response clean up effort via US EPA Region VI-material has been onsite for 4 years. No waste generation information is available

4. DOT Shipping Name Hazardous Waste Liquid, n.o.s. (Benzene)

Hazard Class 9 **UN/NA No.** 3082 **PG** III **RQ amt** 10 lb

RQ Desc:	1. _____	2. _____
DOT Desc:	1. _____	2. _____

5. Waste Codes D018 D0032 D043 _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____

Wastewater _____ **Non Wastewater** X **Sub Category** _____ **(List additional waste codes in section 15 or attach separate sheet)**

6. Physical and chemical properties (*check all that apply*)

PH
- A ☐ < 2
- B ☐ 2 – 5
- C ☒ 5 – 9
- D ☐ 9 – 12.5
- E ☐ > 12.5

_____ exact

Specific Gravity
- A ☐ < .8
- B ☐ .8 - 1.0
- C ☐ 1.0
- D ☒ 1.0 - 1.2
- E ☐ > 1.2

_____ exact

Flash Point (F)
- A ☐ < 80
- B ☐ 80 – 100
- C ☐ 101 – 140
- D ☐ 141 – 200
- E ☒ > 200
- F ☐ no flash _____ exact

Solids
_____ % suspended
_____ % settleable
_____ % dissolved

Free Liquid Range **1** to **3** %

_____ % ash
_____ water solubility
4870 BTU/lb

Physical State
- S ☐ solid
- M ☐ semi-solid
- L ☒ liquid
- P ☐ pumpable semi-solid
- F ☐ flowable powder
- G ☐ gas
- A ☐ aerosol
- R ☐ pressurized liquid
- D ☐ debris per 40 CFR 268.45
- H ☐ sharps

Hazardous Characteristics
- A ☐ air reactive
- W ☐ water reactive
- C ☐ cyanide reactive
- F ☐ sulfide reactive
- E ☐ explosive
- O ☐ oxidizing acid
- P ☐ peroxide former
- R ☐ radioactive or NRC regulated
- S ☐ shock sensitive
- T ☐ temp sensitive
- M ☐ polymerization/monomer
- N ☐ OSHA carcinogen
- I ☐ infectious
- H ☐ inhalation hazard Zone: _

Odor
- A none ☐
- B mild ☐
- C strong ☒

describe **phenolic smell**

Halogens
- Br _____ % Bromine
- Cl _____ % Chlorine
- F _____ % Fluorine
- I _____ % Iodine

Layers: a ☐ **multilayered:** b ☐ **bi-layered:** c ☒ **single phase:**

Viscosity By Layer:	Top Layer	Second Layer	Bottom Layer
	☐ high (syrup)	☐ high (syrup)	☐ high (syrup)
	☒ medium (oil)	☐ medium (oil)	☐ medium (oil)
	☐ low (water)	☐ low (water)	☐ low (water)
	☐ solid	☐ solid	☐ solid

Color
Black
_____
_____

Used oil y/n N **HOC <1000 ppm** ☒ **or > 1000 ppm** ☐

WIP No. _____

WIP98

9855867

7. Chemical Composition [**M** = Marine Pollutant, **S** - Severe Marine Pollutant, **O** = Ozone Depleting Substance, **U** = Underlying Hazardous Constituent, **B** = Benzene NESHAP, **T** = TRI Chemical, **C = OSHA** Carcinogen]

	Constituents	Range	Units		Constituents	Range	Units
	Oil/Sludge	**97-100**	**%**				
	Water/Free Liquid	**0-3**	**%**				
	Benzene	**.68**	**PPM**				

Total Composition Must Equal or Exceed 100%

Other:

8. Is the wastestream being imported into the USA? Yes☐ No☒

9. Does the wastestream contain PCBs regulated by 40CFR? Yes☐ No☒

PCB concentration ____ppm

10. Is the wastestream subject to the Marine Pollutant Regulations? Yes☐ No☒

11. Is the waste from an industry regulated under Benzene NESHAP? Yes☐ No☒

If yes, is the wastestream subject to Notification and Control Requirements? Yes☐ No☐

Benzene concentration ____ ppm

Does it contain greater >=10% Water Yes☐ No☐

What is the TAB at your facility? ____ mg/year

12. Is the wastestream subject to RCRA subpart CC controls? Yes☒ No☐

Volatile organic concentration, if known ____ ppmw

CC approved analytical method ☐ Generator Knowledge ☐

13. Is the wastestream from a CERCLA or state mandated cleanup? Yes☒ No☐

14. Container Information (*Identify UN container marking if known*)

Packaging: **Bulk Solid** ☐ Type/Size: ____ **Bulk Liquid** ☒ Type/Size: **Vac Truck/Box** **Drum** ☒Type/Size: **55-gal poly**

Other ____

Shipping Frequency: Units ____ Per Month ☐ Quarter ☐ Year ☐ One Time ☒ Other ____

15. Additional Information: **This wastestream is comprised of VB633. Total Sulfide levels of 52,000 ppm were detected in this stream. Based on the regulatory definition of a D003 (a sulfide bearing waste generates toxic gas/vapors at quantities significant enough to pose a health danger) and the fact that this wastestream is made up of mostly water and/or liquid it is not believed that this stream would meet the definition of a D003.**

____

____

____

____

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize sampling of any waste shipment for purposes of recertification.

Gary Moore — **NAME** (PRINT OR TYPE)

214-789-1627 — **PHONE**

____ — **DATE**

____ — **SIGNATURE**

On-Scene Coordinator US EPA — **TITLE**

FACILITY NOTIFICATION

If approved for management, VES-TS has all the necessary permits and licenses for the waste that has been characterized and identified by this profile.

TSDF PROCESSING USE ONLY: PPE REQUIRED No ____ Yes ____ Describe ____

WIP No. ____

Veolia ES Technical Solutions WIP
INSTRUCTIONS

VES-TS requires completion of all sections of the Wastestream Information Profile (WIP). Sections not applicable to the wastestream must have N/A written in the space provided.

Documented WIP information is used to comply with TSDF Waste Analysis Plans, RCRA and DOT regulations, Emergency Planning and Community Right-to-Know Act (EPCRA), Pollution Prevention Act, Toxic Release Inventory Report and other regulatory and generator requirements.

MARINE POLLUTANT

- The wastestream is subject to the Marine Pollutant Regulations if:
    1. it is a bulk (>119 gallons) packaging with Marine Pollutant concentration ≥ 10% or Severe Marine Pollutant concentration ≥ 1%

       or
    2. it is non-bulk Marine Pollutant shipped by vessel (boat) in packages larger than 5 liters (liquid) or 5 kg (solid)

       or
    3. it is a non-bulk Severe Marine Pollutant, shipped by vessel (boat) in packages larger than 0.5 liters (liquid) or 0.5 kg (solid).

  Refer to the list of Marine Pollutants.

OZONE DEPLETING SUBSTANCE (ODS)

Refer to the list of Ozone Depleting Substances.

UNDERLYING HAZARDOUS CONSTITUENT (UHC)

Refer to the list of Underlying Hazardous Constituents (40 CFR 268.48)

BENZENE NESHAP

- The wastestream is subject to Benzene NESHAP notification and control requirements if it:
    1. contains > 10 ppm benzene, **and**
    2. is generated by a chemical manufacturing plant, petroleum refinery or coke by-product recovery plant, **and**
    3. the generator's Total Annual Benzene (TAB) is ≥ 10 Mg/yr

TRI CHEMICAL

- The wastestream is subject to Toxic Release Inventory Reporting if it contains a Section 313 Toxic Chemical and meets Qualifier requirements.

OSHA CARCINOGEN

- OSHA promulgated standards in 1974 to regulate the industrial use of 13 chemicals identified as occupational carcinogens. Exposures are to be controlled through the required use of engineering controls, work practices, and personal protective equipment, including respirators.
  See 29 CFR 1910.1003-1910.1016 for specific details.

RCRA SUB-PART CC CONTROLS

- Subpart CC Air Emission Control requirements apply to large quantity hazardous waste generators and to treatment, storage, and disposal facilities.
- Waste in containers greater than 0.1 cubic meters (i.e., 26.4 gallons) with greater than 500 ppm volatile organics are subject to this rule., unless otherwise exempted. Allowable controls include DOT approved containers, containers with an adequate cover and closure devices, and containers which operate with no detectable emissions (less than 500 ppm).